



04-05-04

In the United States Patent and Trademark Office

Serial Number: 10/708778
Application filed on: 2004 March 24
Applicant(s): Baokang Bi
Application Title: PATTEN GENERATING SYSTEMS
Examiner/GAU: 1

Mailed on: 2004 April 5
At: Okemos, Michigan

Information Disclosure Statement

Commissioner for patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is the non-US patent literature section of the IDS including a completed form PTO/SB/08(A&B) and copies of the pertinent parts of the references cited thereon. The cited references of U.S. patents and U.S. patent application publications are filed electronically on 2004 April 5, the same day as the mailing of this section of IDS.

Very respectfully,

Applicant(s): Baokang Bi

Enc.: PTO/SB/08(A&B) and Copies of 25 Cited References

c/o: Baokang Bi, Applicant Pro Se

3928 E. Sunwind Drive, Okemos, MI 48864

Telephone: (517) 351-8614 Email: baokang_bi@yahoo.com

Certificate of Mailing

I certify that this correspondence is being deposited with the United States Postal Service as Express Mail with sufficient postage in an envelop addressed to: "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on the date below.

Date: 2004 April 5, Baokang Bi, Applicant

Substitute for form 1449/PTO

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/708778
Filing Date	2004 March 24
First Named Inventor	Baokang Bi
Art Unit	
Examiner Name	
Attorney Docket Number	

Sheet 1 of 4

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		WO 98/48443	10-29-1998	John Wiesner		
		WO 03/079116	09-25-2003	Pieter Kruit		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/708778
		Filing Date	2004 March 24
		First Named Inventor	Baokang Bi
		Art Unit	
		Examiner Name	
Sheet	2	of	4
		Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Arnaud Bertsch, et al., "Rapid Prototyping of small size objects", Rapid Prototyping Journal, Vol.6, p259, 2000.	
		http://www.micronic.se/site_eng/product/multiexposure.shtml , Publication date on website is unknown.	
		H. J. Tiziani, et al., "Theoretical Analysis of Confocal Microscopy with Microlenses", Applied Optics, Vol. 35, p120, 1996.	
		Emily A. Gibson, et al, "High-Order Harmonic Generation up to 250 eV from Highly Ionized Argon", Physical Review Letters, vol.92, 033001-3, 2004.	
		C. keyser, et al., "Studies of high-repetition-rate laser plasma EUV sources from droplet targets", Applied Physics A, Vol. 77, p217, 2003.	
		E. Kaneko, "Liquid Crystal TV Displays", KTK Scientific Publishers, Boston, 1987, Chapter 8.	
		H. J. Tiziani, et al., "Three-Dimensional Analysis by a Microlens-Array Confocal Arrangement", Applied Optics, Vol. 33, p567, 1994.	
		Neha Choksi, et al., "Maskless extreme ultraviolet lithography", J. Vac. Sci. Technol. B 17, p3047, 1999.	
		http://pguerit.sri.com/SriWeb/current/DPS.html , "Direct photo shaping", Publication date on website is unknown.	
		Srinivas Bollepalli, et al., "Image formation in extreme ultraviolet lithography and numerical aperture effects", J. Vac. Sci. Technol. B(17), p2992, 1999.	

Examiner Signature	Date Considered
---------------------------	------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/708778
		Filing Date	2004 March 24
		First Named Inventor	Baokang Bi
		Art Unit	
		Examiner Name	
		Attorney Docket Number	
Sheet	3	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Ihsan Djomehri, et al., "Zone-plate-array lithography in the deep ultraviolet", J. Vac. Sci. Technol. B(16), p3426, 1998.	
		J. W. Gardner, "Microsensors, MEMS, and Smart Devices", John Wiley & Sons, Ltd., New York, 2001, Chapter 7.	
		Dario Gil, et al., "Parallel maskless optical lithography for prototyping, low-volume production, and research", J. Vac. Sci. Technol. B(20), p2597, 2002.	
		Paul Allen, "DUV Laser Scanning for Mask Pattern Generation at the 130 and 100 Nanometer Nodes", http://www.appliedmaterials.com/products/mask_tech_archives.html , March, 2002.	
		http://www.mapperlithography.com/principle/principle.htm , "MAPPER Technology", Publication date is unknown.	
		Hans Coufal, et al., "Optical data storage", International Trends in Optics, p609(2002), Published by SPIE--The International Society for Optical Engineering.	
		John E. Bjorkholm, "EUV Lithography -The Successor to Optical Lithography?", Intel Technology Journal, Q3 '98.	
		J. Paufler, et al., "High-throughput optical direct write lithography", Solid State Technology, p175, June, 1997.	
		Eiichi Tamaki, "Computer-to-plate printing using the Grating Light Valve(TM) device", Proceedings of SPIE, Vol. 5348, p89, 2004.	
		Stephen D. Senturia, "Microsystem Design", Kluwer Academic Publishers, Boston, 2000, Chapter 20.	

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/708778
		Filing Date	2004 March 24
		First Named Inventor	Baokang Bi
		Art Unit	
		Examiner Name	
Sheet 4	of 4	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Jahja I. Trisnadi, et al., "Overview and applications of Grating Light Valve (TM) based optical write engines for high-speed digital imaging", Proceedings of SPIE, Vol. 5348, p52, 2004	
		R. W. Corrigan, et al., "Grating Light Valve (TM) Technology for Projection Displays", International Display Workshop, Kobe, Japan, December 1998.	
		L. Hornbeck, "Digital Light Processing (TM) for High -Brightness, High-Resolution Applications", Proceedings of SPIE, Vol.3013, p27, 1987.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.